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Rule
1.126

41.39. A method of controlling a transceiver in a portable wireless communication device, the method comprising the steps of:

transmitting and receiving data from a wireless communication device in a transceiver;

data processing information for transmission and reception via the transceiver in a first processing circuitry in the wireless communication device when an external apparatus is not connected to the wireless communication device, the first processing circuitry enabling data communication via the transceiver at a first data rate; and

cooperative data processing in both the first processing circuitry and a second processing circuitry in an external apparatus information for transmission and reception via the transceiver when the external apparatus including the second processing circuitry is coupled to the communication device, the co-processing enabling data communication via the transceiver at a second data rate higher than the first data rate.

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42.40. The method as defined in claim ⁴¹39, wherein said step of cooperative processing comprises sharing in the first processing circuitry and the second processing circuitry at least one of coding and decoding of the signals communicated on the communication link when the external apparatus is coupled to the wireless communication device.

43.41. The method as defined in claim ⁴¹39, wherein said step of cooperative processing comprises the first processing circuitry providing internet protocol information to the second digital processing circuitry, and the second processing circuitry processing at least one of digital images and web content.

REMARKS

Reconsideration of the claims is respectfully requested.

In the Office Action mailed June 4, 2002, the Examiner objected to claim

1. Claim 1 is cancelled.

In the Office Action claims 1-4, 6, 8, 10-12, 14 and 16-17 were rejected under 35 USC Section 103(a) as being unpatentable over Patel in view of Baker.

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Claims 5, 9, 10, 13, 18, 20, 22 and 23 were rejected under 35 USC 103(a) as being unpatentable over Patel, Baker, and Examiner's official notice. Claims 7, 19 and 21 were rejected under 35 USC Section 103(a) as being unpatentable over Patel in view of Baker and Lee. Claims 24, 27 and 28 were rejected under 35 USC Section 103(a) as being unpatentable over Nojima in view of Baker. Claims 25 and 26 were rejected under 35 USC Section 103(a) as being unpatentable over Nojima in view of Baker and the Examiner's Official Notice. Claim 29 was rejected under 35 USC Section 103(a) as being unpatentable over Nojima and Baker and further in view of Liukkonen. Claims 30, 33, 35 and 36 were rejected under 35 USC Section 102(b) as being anticipated by Lee. Claims 31 and 32 were rejected as being unpatentable over Lee in view of Baker and further in view of Examiner's Official Notice. Claim 34 was rejected under 35 USC Section 103 as being unpatentable over Lee in view Baker and further in view of Patel. The Examiner's rejections are respectfully traversed in view of the following comments, and reconsideration of the claims is requested.

Patel discloses a modem capable of operating at different rates. However, the modem operates at a rate depending upon the communication link. It does not improve the performance of a device that communicates at a first data rate without the apparatus connected to enable communication at a second, higher data rate with the apparatus coupled.

Baker discloses a modem 102 and a wireless communication device 103. The modem is connected to the wireless device to provide data to the wireless device for communication by the wireless device. It does not provide digital circuitry detachably coupled to the control circuitry via a data bus and an interconnect, the digital circuitry interoperable with the control circuitry to provide additional digital data processing support for the control circuitry via the data bus when the apparatus is coupled to the portable wireless device. Additionally, it does not teach first and second circuitry providing cooperative processing.

The Nojima, Lee and Liukkonen references similarly fail to teach apparatus that enhance the air interface capability of a communication device as defined in the claims.

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With respect to claim 30, the Examiner acknowledges the Lee fails to teach a wireless communication device that communicates data at a first data rate over an air interface independently of the remote power source and is capable of communicating at a higher data rate only while the cradle and power source are coupled. The Examiner contends that it would have been obvious to have modified Lee to include a first transmission data rate when the modem is not connected for the purpose of allowing the cellular transceiver to operate without a modem as is taught by Baker. The Examiner's rejection is not understood. The claim recites that the wireless communication device is capable of communicating at a higher data rate only while the remote power source is coupled. Neither Lee nor Baker teaches or suggests this structure, and accordingly the claims can not be rendered unpatentable by these patents.

The prior art fails to show or suggest the claimed invention, and thus neither anticipates nor renders the claimed invention unpatentable. Accordingly, it is respectfully submitted that the claims are in condition for allowance. A Notice of Allowance is solicited.

Respectfully Submitted

Kotzin, Michael

BY:  3-4-2003

Randall S. Vaas Date

Registration No. 34,479

Phone (847) 523-2327

Fax. No. (847) 523-2350

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CLAIMS WITH DELETIONS AND INSERTIONS

30. (twice amended) A cellular telephone comprising:

a battery detachably connectable to the cellular telephone to supply the cellular telephone with power; and

a remote power source detachably connectable to the cellular telephone, wherein the cellular telephone is adapted to sense when the remote power source is coupled to the cellular telephone, the cellular telephone to alter a cellular telephone capability responsive to sensing the remote power source coupled to the cellular telephone, whereby the [portable, wireless communication device] cellular telephone, which communicates data at the first data rate over an air interface independently of the remote power source, is capable of communicating at a higher data rate only while [the cradle and] the remote power source [are] is coupled.